

Title (en)
Liquid crystal display and display system comprising the same

Title (de)
Flüssigkristallanzeige und Anzeigesystem damit

Title (fr)
Affichage à cristaux liquides et système d'affichage le comportant

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Application
EP 09008028 A 20090619

Priority
KR 20080092259 A 20080919

Abstract (en)
A liquid crystal display (200) and a display system (10) including the same are provided in one or more embodiments. For example, a liquid crystal display may include for an embodiment a bi-directional channel (320), a memory (220) in which driving signal generation data including information required to generate a plurality of driving signals and EDID (Extended Display Identification Data) are stored, and a timing controller (210) which receives the driving signal generation data and the EDID from the memory and transmits the EDID to the outside through the bi-directional channel. The driving signal generation data and the EDID may be transmitted from the memory to the timing controller via a single interface (270). A first time period during which the driving signal generation data is transmitted may not overlap with a second time period during which the EDID is transmitted.

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ALAN KOBAYASHI ARCHITECTURE AND STRATEGY GENESIS MICROCHIP INC 2150 GOLD STREET ET AL: "43.1: Why Displays Require A New Digital Interface", SID 2006, 2006 SID INTERNATIONAL SYMPOSIUM, SOCIETY FOR INFORMATION DISPLAY, vol. XXXVII, 24 May 2005 (2005-05-24), pages 1495 - 1497, XP007012771, ISSN: 0006-966X

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